Missouri Botanical Garden

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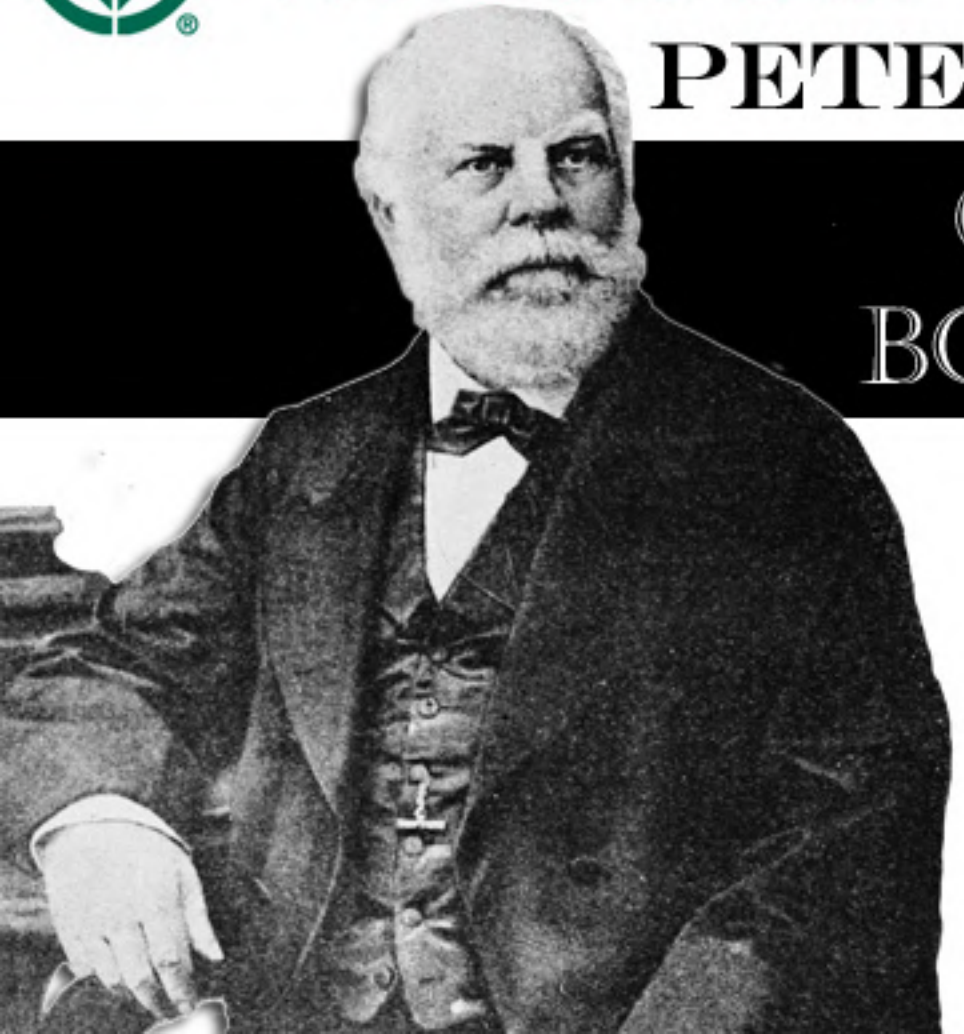


Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

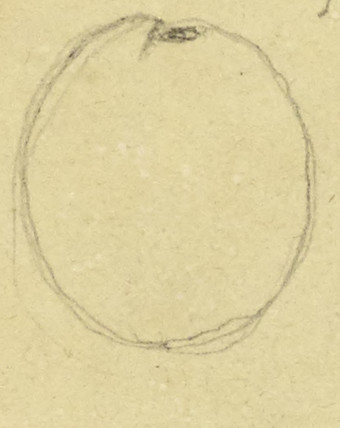
Feb 19 1877

×4

Celtis occidentalis

massachusetts 1876

radicle expands, semi-pendulous
cotyledons large, convolute



Testa

tip of root off

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5670

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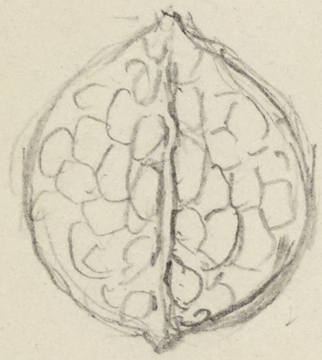
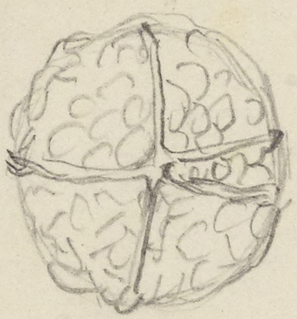
Leitch & Corlies
DRUGGISTS
South West Corner Fifth and Market Streets

C. constitutis

St Louis 1860





March 1877

PHARMACEUTISCHE CHEMIE

PHARMACIST

NO. 2

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S. W. Cor 5th and Myrtle Sts.

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Celtis stones, magn 4

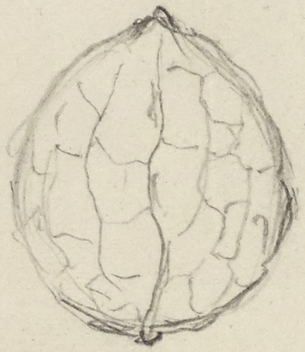
March 8 1877

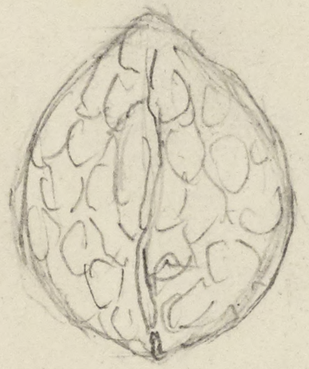
C. pumila
Atlanta
1876

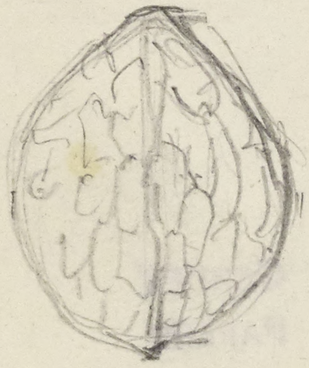
C. crassifolia
Boston 1876

C. crassifolia
west Chester 1876

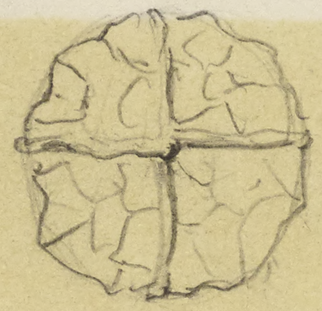
side

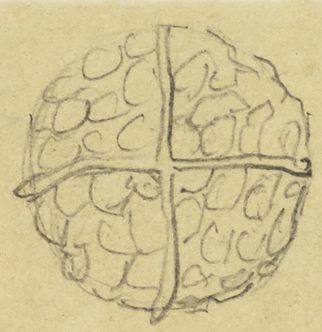


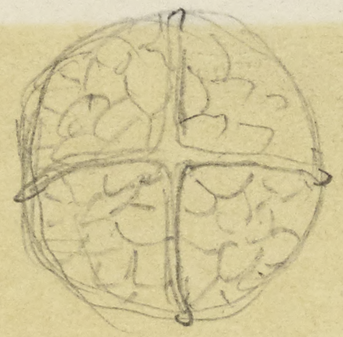




base







large and deep
network
and globose

(Kentucky, Short,
is the same

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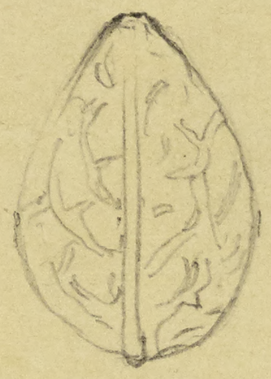
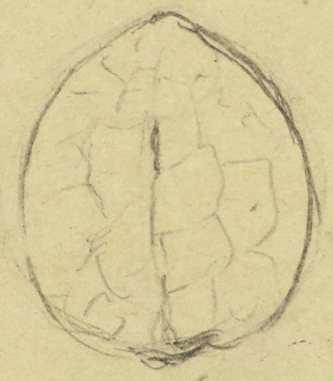
Celtis Stones nat size — 4 March 8 1877

C. reticulata
H.C Utah 1872



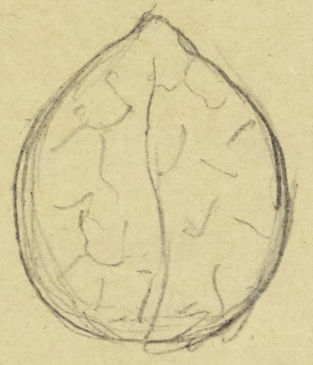
side

C. reticul.
Parry Utah 1874



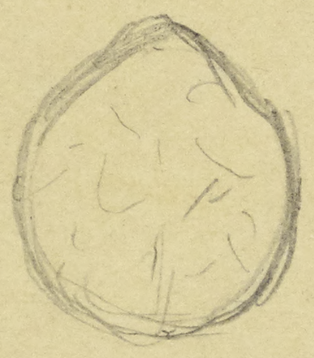
immature

C. reticulata
Hall Oregon 1872

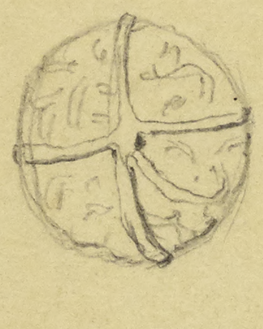


immature

C. reticulata
Li-h. Tex 1850



very immature



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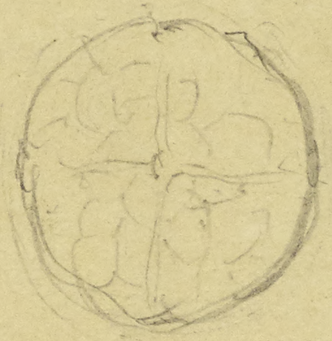

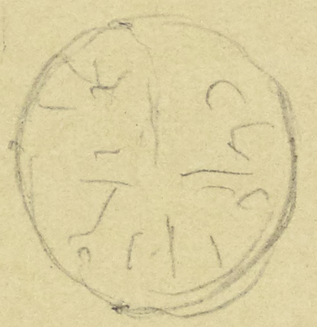

ridges of network
blunt, sometimes
quite indistinct

seeds immature, with large
stones subglobose
ridges very indistinct

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Erste Allee von der Brücke an

Zweite "

Dritte, Dreimal

Mit geflügelten Äpfeln

allen, mit vorgelegten Bäumen
Brücke in einer

einzige Bäume stehen gelassen
mit Blättern; Zwischen einer ungepflanzten gerade der dritten Bäume
rechts, vor der kleinen Anlage
Flügel Allee soll verbleiben
Baum, über Flügel
Bäumen

Die Form der Anlage ist Control
Allee geschehen.

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5695

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Nov 877 F. Lindheimer sends 5 Celtis
from N Braunfels.

= Celtis Jessoine

1 2 3 4 thinner leaves smooth below
sparely with a few teeth

5 thick reticulate, rough pubeat
below, somewhat serrate

1 4 globose reticulate stony

2 3 5 " smoothish stony

2 5 dark very rough bark

3 4 whitish much smoother
bark

4 corresponds best with orig
C. Texana

has sometimes a few coarse
teeth.

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cm
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Marion Co. Ill. 1853

upper end

seed

lower end

embryo

radicle

cross section

5677

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cm
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2. BOWLESIA, Ruiz & Pavon.

Calyx-teeth rather prominent. Petals elliptical, obtusish. Fruit broadly ovate in outline, with a narrow commissure, turgid, becoming depressed on the back, without ribs or oil-tubes. Seed flat on the face, slightly hollowed on the back, not filling the calyx. — Slender herbs, with scattered stellate pubescence; leaves opposite, simple, with scarious and lacerate stipules; flowers white, minute, in simple few-flowered umbels on axillary peduncles.

A dozen species, chiefly South American, one ranging northward to Mexico, Arizona, and California.

1. **B. lobata,** Ruiz & Pavon. Annual, weak and slender, thinly pubescent, the stems dichotomously branched, a foot or two long: leaves thin, reniform to cordate, ½ to 1½ inches broad, shorter than the slender petioles, deeply 5-lobed, the acutish lobes entire or 1–2-toothed: peduncles much shorter than the petioles; the umbels 1–4-flowered: fruit a line long, sessile or nearly so, pubescent, the inflated calyx not adherent to the carpels, which are at first but partially occupied by the seed. — Fl. Peruv. iii. 28, t. 251; Torr. & Gray, Fl. i. 601.

In damp shady places, from the Sacramento Valley southward, rather rare. The species doubtless includes *B. tenera,* Sprengel.

3. ERYNGIUM, Tourn. Button Snakeroot.

Calyx-teeth manifest, rigid and persistent. Fruit ovoid or obovoid, scarcely compressed, covered with hyaline scales or vesicles; the ribs obsolete, and oil-tubes (in our species) wanting; carpels and seeds semi-terete. — Herbs, chiefly perennial; leaves rigid[illegible], spinosely toothed or divided; flowers white or blue, sessile [illegible]

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in irregularly compound few-rayed umbels, involucrate with sessile leafy usually toothed bracts, the bracts of the involucels small and entire.

A genus of a few scattered species, more than half of them native of North America, and of these only two are confined to the region east of the Rocky Mountains. The Californian species are chiefly limited to the Coast Ranges and are peculiar in their habit, small fruit, &c.

* *Leaves palmately divided, the lobes toothed, or lacerate, or pinnatifid with decurrent segments: rootstocks thickened.*

+ *Mature fruit shortly pedicellate: flowers yellow.*

1. **S. arctopoides,** Hook. & Arn. Stems very short, with several divergent scape-like branches, often much exceeding the leaves (3 to 6 inches long), each bearing an umbel of 1 to 3 elongated rays: leaves deeply 3-lobed, the cuneate divisions once or twice laciniately cleft, with lanceolate acute spreading segments: involucre of 1 or 2 similar leaflets: heads large, 3 to 6 lines in diameter, with conspicuous involucels of 8 to 10 narrowly oblanceolate mostly entire bracts: fruit shortly pedicellate, $1\frac{1}{2}$ lines long, naked at base, strongly armed above. — Bot. Beechey, 141; Hook. Fl. i. 258, t. 91.

About San Francisco and eastward in the Sacramento Valley, in the plains and on dry hillsides. Strongly marked by its low scape-like branches, large involucels, and laciniately lobed leaves; plant yellowish green. The figure in Hook. Fl. represents the species poorly, and but for the large solitary head might be supposed to be from a low form of *S. laciniata*.

2. **S. Menziesii** Hook. & [illegible] Beech-

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8275

153

Urticaceae

5679

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